

2013 Corn Grain Top 30 Harvest Report

Pennsylvania Central [PACE] MCVEYTOWN
Charles Groff, Juniata County, PA 17051



Test by: Mid-Atlantic Independent Tech. Svcs., Mt. Hope, PA

PREV. CROP/HERB: Soybean / glyphosate
SOIL DESCRIPTION: Silty clay loam, mod. well drained, no-till, non-irrigated
SOIL CONDITION: Moderate P, mod. high K, 6.7 pH, 2.2% OM
PEST MANAGEMENT: Callisto, Option, Capture
FERTILITY - Applied N: 70 Spring, 65 Planter, 65 Side
Applied N-P-K (units): 200-0-0
SEEDED - RATE - ROW: May 6 34,600 /A 30" spacing
HARVESTED - STAND: 36,400 /A

All-Season Test
99 - 109 Day CRM
B2013PACE03

Top 24 of 24
For Gross Income (Sorted by Yield)
Average of (3) Replications

Company/Brand	Product/Brand†	Technol.†	Seed Treatment†	RM	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
TA Seeds	TA544-28RIB	STX,B	AVC,C2	104	198.0	15.2	1	37.7	811	1
TA Seeds	TA565-20	3000GT	AVC,C2	106	188.6	15.6	4	35.3	770	3
TA Seeds	TA583-28RIB	STX,B	AVC,C2	108	188.2	15.2	15	34.7	771	2
Dyna-Gro	D49VP88	VT3P	AC,P5V	109	184.9	15.5	20	36.2	756	4
Doebblers	RPM 537AMX^	AMX,B	MQ,P1V	103	184.7	15.7	11	37.8	754	5
Dekalb	DKC52-04RIB GC	VT3P,B	AC,P5	102	183.7	15.0	21	37.8	753	6
Dekalb	DKC53-56RIB GC	STX,B	AC,P5	103	183.6	15.4	3	37.0	751	7
Chemgro	6947RVP	VT3P	AC,P5V	109	181.4	15.1	28	36.3	743	8
Augusta	A5658GTCBLL	GT/CB/LL	CE,C2	108	176.0	15.1	24	36.6	721	9
Augusta	A4658GT3110	3110	CE,C2	108	175.6	15.6	45	37.3	717	10
Chemgro	6547RVP	VT3P	AC,P5	105	175.1	15.2	6	37.2	717	11
FS InVISION	FS 55R25VT3P	VT3P,B	AC,P2	105	175.1	15.6	22	37.5	715	12
Doebblers	554GRQ	3000GT	MQ,C2	105	171.9	15.7	2	35.9	702	13
Hubner	H5333RC3P	VT3P,B	AC,P5V	107	169.5	15.0	22	36.1	695	14
Doebblers	RPM 589AMXT^	AMXT,B	MQ,C2	107	169.5	15.7	2	36.8	692	15
Dyna-Gro	D47SS23	STX	AC,P5V	106	164.8	15.4	11	35.5	674	16
Doebblers	RPM 498HXR^	HX,RR2	MQ,P1V	99	164.4	15.4	6	37.1	672	17
Augusta	A2954GT3000	3000GT	CE,C2	104	163.4	15.1	8	36.1	670	18
Pioneer	P0604YHR GC	OI	CM,C2	106	158.4	15.9	30	36.2	646	19
Doebblers	RPM 603XRR^	RR2	MQ,C2	108	156.4	15.4	3	35.6	640	20
Chemgro	6337RVP	VT3P	AC,P5	103	151.6	14.9	4	37.4	622	21
Augusta	A2956	None	CE,C2	106	146.8	16.2	32	34.2	597	22
Pioneer	P0210HR GC	HX,RR2	MQ,P1V	102	139.4	15.7	38	36.4	569	23
Augusta	A2847GT3000	3000GT	CE,C2	99	134.4	15.3	60	34.4	550	24



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Test Average = **170.2** **15.4** **17** **36.4** **696**
LSD (0.10) = 16.2 0.4 20
C.V. = 6.9 1.8

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Price = $\frac{\$4.10 \text{ Local GMO}}{\$4.10 \text{ non-GMO}}$

Test Comments: *Strong storms the end of June caused some root lodging and stalks to green snap. However, damage was minimal to only a few hybrids. Rainfall was adequate until August when the site went dry for a few weeks. This took away some top-end yield potential. This test did not have the highest yields, but it does offer more "typical" standability and yield results. Overall test rating is 8 out of 10.*

† See last page for footnote information. Dark colored row identifies the check product found in early- and full-season tests. **Bold** yields are significantly above test average. **Italicized** brands exceed the grain moisture limit for this test. **GC** = grower comparison product, **ns** = not significantly different

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Report date: 11/13/2013 Revised:

2013 Corn Grain - Pennsylvania Central [PACE]



All-Season Test Products (24 Total)

Company/Brand	Product/Brand	Technol.	Seed Trt	RM	Company/Brand	Product/Brand	Technol.	Seed Trt	RM
Augusta	A2847GT3000	3000GT	CE,C2	99					
Augusta	A2954GT3000	3000GT	CE,C2	104					
Augusta	A2956	None	CE,C2	106					
Augusta	A4658GT3110	3110	CE,C2	108					
Augusta	A5658GTCBLL	GT/CB/LL	CE,C2	108					
Chemgro	6337RVP	VT3P	AC,P5	103					
Chemgro	6547RVP	VT3P	AC,P5	105					
Chemgro	6947RVP	VT3P	AC,P5V	109					
Dekalb	DKC52-04RIB GC	VT3P,B	AC,P5	102					
Dekalb	DKC53-56RIB GC	STX,B	AC,P5	103					
Doebblers	554GRQ	3000GT	MQ,C2	105					
Doebblers	RPM 498HXR^	HX,RR2	MQ,P1V	99					
Doebblers	RPM 537AMX^	AMX,B	MQ,P1V	103					
Doebblers	RPM 589AMXT^	AMXT,B	MQ,C2	107					
Doebblers	RPM 603XRR^	RR2	MQ,C2	108					
Dyna-Gro	D47SS23	STX	AC,P5V	106					
Dyna-Gro	D49VP88	VT3P	AC,P5V	109					
FS InVISION	FS 55R25VT3P	VT3P,B	AC,P2	105					
Hubner	H5333RC3P	VT3P,B	AC,P5V	107					
Pioneer	P0210HR GC	HX,RR2	MQ,P1V	102					
Pioneer	P0604YHR GC	OI	CM,C2	106					
TA Seeds	TA544-28RIB	STX,B	AVC,C2	104					
TA Seeds	TA565-20	3000GT	AVC,C2	106					
TA Seeds	TA583-28RIB	STX,B	AVC,C2	108					

Footnotes and Abbreviation Descriptions

Brand Footnotes

^	G2® brand seed is distributed by NuTech Seed, LLC. HPT® brand seed is distributed by Hoegemeyer Hybrids, Inc. RPM® brand seed is distributed by Doebler's PA Hybrids, Inc. Supreme EX® brand seed is distributed by Seed Consultants, Inc. VPMaXX® brand seed is distributed by AgVenture, Inc. XL® and Phoenix® brand seed is distributed by Beck's Superior Hybrids. Curry®, G2®, HPT®, RPM®, Supreme EX®, VPMaXX® and XL® are registered trademarks of DuPont Pioneer.
CK	Identifies a check product included in early- and full-season tests.
GC	Grower Comparison product included by F.I.R.S.T. when space permits.

Corn Technologies*

3000GT	Agrisure® 3000GT (CB,RW,LL,GT)	GT/CB/LL	Agrisure® GT/CB/LL
3011A	Agrisure® Artesian® (CB,RW,LL,GT)	HX	Herculex® 1, contains LL
3110	Agrisure® Viptera® 3110 (Vip, CB,LL,GT)	HX,RR2	Herculex® 1, Roundup Ready 2 Corn
3111	Agrisure® Viptera® 3111 (Vip,CB,RW,LL,GT)	HXRW	Herculex® rootworm, contains LL
3122	Agrisure® 3122 (CB,HXX,RW,LL,GT)	HXT	Herculex® Xtra (HX,HXRW,LL)
3220	Agrisure® Viptera® 3220 (Vip,CB,HX,LL,GT)	HXT,RR2	Herculex® Xtra, Roundup Ready 2 Corn
AM	Optimum® AcreMax® (YGCB,HX,LL,RR2)	LL	LibertyLink®
AM-R	Optimum® AcreMax® (YGCB,HX,RR2)	None	conventional corn
AM1	Optimum® AcreMax®1 (HXT,LL,RR2)	OI	Optimum® Intrasect® (YGCB,HX,LL,RR2)
AMRW	Optimum® AcreMax® Rootworm (HXRW,LL,RR2)	OIX	Optimum® Intrasect® Xtra (YGCB,HXT,LL,RR2)
AMRW-R	Optimum® AcreMax® Rootworm (HXRW,RR2)	OIXT	Optimum® Intrasect® Xtreme (YGCB,HXT,RW,LL,RR2)
AMX	Optimum® AcreMax® Xtra (YGCB,HXT,LL,RR2)	OT	Optimum® TRIssect® (HX,RW,LL,RR2)
AMX-R	Optimum® AcreMax® Xtra (YGCB,HXT,RR2)	RR2	Roundup Ready® 2 Corn
AMXT	Optimum® AcreMax® Xtreme (YGCB,HXT,LL,RR2)	STX	SmartStax® (VT3P,HXX)
B	Blended seed (i.e. refuge blend)	VT2P	Genuity® VT Double Pro®
CB/LL	Agrisure® CB/LL	VT3	YieldGard VT Triple®
CB/LL/RW	Agrisure® CB/LL/RW	VT3P	Genuity® VT Triple Pro®
GT	Agrisure® GT	YGCB	YieldGard® Corn Borer

* The refuge component genetics may vary in a refuge blend seed product.

Corn Seed Treatments**

?	information not provided	MQ	Maxim Quattro®
A	Allegiance®	None	untreated
AC	Acceleron® fungicide products	P2, P5, P1	Poncho® at 0.25, 0.5 and 1.25 mg ai/seed, respectively
AVC	Avicta® Complete Corn	R	Raxil® (tebuconazole)
C2, C5, C1	Cruiser® at 0.25, 0.5 and 1.25 mg ai/seed, respectively	SStd	SureStand™
CE	Cruiser Extreme®	St	Stamina® (pyraclostrobin)
CM	CruiserMaxx® Corn	T	Trilex® (trifloxystrobin)
D	Dynasty® (azoxystrobin)	V	Votivo®
Es	Escalate®	Z	zinc
M	Maxim XL®		

** Seed treatments may include unspecified plant health promoting components.